

ABSTRACT

A jointed mirror arm comprises at least two tubular pieces, connected to each other by a joint with a reflecting mirror, which, as a result of said joint, may be arranged in varying configurations and which form a beam path for the radiation, with a fixed inlet on a first tube piece for the introduction of radiation from a stationary optical source and a position different from the position of the inlet for the outlet from the intermediate joint arm on a final tube piece for emitting said radiation. Said jointed mirror arm is characterised in that a scanner for the radiation is arranged before the inlet into the intermediate jointed arm and an optical imaging system is provided in the at least two tube pieces of the intermediate jointed arm, for imaging the scanner after the output from the intermediate jointed arm.